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PTO/SB/05 (11/00)

Approved for use through 10/31/2002 OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No. 674542-2003
First Inventor Klaus Gregorius NIELSEN
Title SYNTHETIC VACCINE AGENTS
Express Mail Label No. EV 073646254 US

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification (51 Pages) [Total Pages 59]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix.
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - 38 Claims, Pages 52-58
 - Abstract of the Disclosure, Page 59
- ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 1]
- ☒ Oath or Declaration [Total Pages 2]
- ☒ New (unsigned)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76.

7. ☐ CD-ROM or CD-R in duplicate, large table
or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CFR)
- b. Specification sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & documents(s))
10. ☐ 37 CFR 3.73(b) Statement
- ☐ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122(b)(2)(B)(i).
Applicant must attach from PTO/SB/35 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

- ☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: PCT/DK01/00113
Filed February 19, 2001
- ☐ Continuation ☐ Divisional ☒ Continuation-in-part (CIP) of prior application No.: 09/785,215
Examiner: To Be Assigned Group/Art Unit: 1645

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☐ Correspondence address below

Name Thomas J. Kowalski

Name (Print/Type)	Thomas J. Kowalski	Registration No. (Attorney/Agent)	32,147
Signature		Date	February 19, 2002

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FEE TRANSMITTAL
for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$) 1232.00

Complete if Known

Application Number	To Be Assigned
Filing Date	February 19, 2002
First Named Inventor	NIELSEN
Examiner Name	To Be Assigned
Group/Art Unit	To Be Assigned
Attorney Docket No.	674542-2003

METHOD OF PAYMENT1. ☒

The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit
Account
Name

Frommer Lawrence & Haug LLP

Deposit
Account
Number

50-0320

☒ Charge any Additional Fee Required
Under 37 CFR 1.16 and 1.17☐ Charge the Issue Fee Set in 37 CFR
1.18 at the Mailing of the Notice of
Allowance☒ Payment Enclosed☒ Check☐ Money Order☐ Other**FEE CALCULATION****FEE CALCULATION****3. ADDITIONAL FEES****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	740	201	370	Utility filing fee	740.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	
SUBTOTAL (1)					740.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claim	Fee from below	Fee Paid
38	-20** = 18	18	324.00
Ind. Claims	-3** = 2	84	168.00
Multiple Dependent		0	0

** or number previously paid, if greater; for reissues, see below

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent
107	510	207	255	Plant filing fee
SUBTOTAL (2)				(\$492.00)

* Reduced by Basic Filing Fee

SUBMITTED BY

Typed or Printed Name

Thomas J. Kowalski

Signature

Date

2/19/02

Complete (if applicable)

Reg. Number

32,147

Deposit Account

50-0320

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CERTIFICATE OF MAILING - SEPARATE PAPER - PATENT APPLICATION

Attorney Docket No. : 674542-2003
Title : **SYNTHETIC VACCINE AGENTS**
Filed : February 19, 2002
Applicant : NIELSEN et al.
Mailed : Via Express Mail Label # EV 073646254 US

I hereby certify that the following items are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to:

Commissioner for Patents
Washington, D.C. 20231
Box Application

Enclosed: Utility Application Transmittal
Fee Transmittal
Application for Patent
(59 total pages, 51 pages of specification numbered 1-52, 7 pages, p. 52-58, of claims numbered 1-38, one page abstract on page 59)
Drawings (1 pages, Figures 1)
Declaration for Patent Application and Power of Attorney (unsigned)
Check Number 19933 in the amount of \$1232.00
Return Receipt Postcard

Barnet Shindlman
Typed/printed name of person mailing paper or fee

Barnet Shindlman
Signature